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APPLICATION NUMBER

FILING OR 371 (c) DATE

FIRST NAMED APPLICANT

ATTORNEY DOCKET NUMBER

10/702,676

CHICAGO, IL 60606-1080

SONNENSCHEIN NATH & ROSENTHAL LLP

WACKER DRIVE STATION, SEARS TOWER

26263

P.O. BOX 061080

11/06/2003

Yi Lu

09800240-0078

CONFIRMATION NO. 1656

FORMALITIES LETTER

OC00000012098345

Date Mailed: 03/15/2004

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE **DISCLOSURES**

Filing Date Granted

Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

• The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d). Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

For questions regarding compliance to these requirements, please contact:

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Client Ref. No. TF00027-DIV

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of

Yi LU

Application No. 10/702,676

Filing Date: November 6, 2003

For:

NUCLEIC ACID ENZYME

BIOSENSORS FOR IONS

Examiner:

Not yet assigned

Art Unit:

1637

CERTIFICATE OF MAILING

I hereby certify that on April 23, 2004, this paper and any being referred to as attached is being deposited with the United States Postal Service as First Class Mail to:

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Gregory M. Zinkl,

inkl, n.D., Registration No. 48,492

RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Mail Stop Missing Parts Box Sequence Commissioner for Patents P. O. Box 1450 Arlington, VA 22313-1450

Dear Sir:

This is a response to the "Notice to Comply With Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures," dated March 15, 2003 (copy attached). Pursuant to 37 CFR §1.825(d), Applicants respectfully submit a substitute sequence listing in paper and computer readable form and a "Statement to Support Filing And Submission In Accordance with 37 CFR §§1.821-1.825." Applicants confirm that the sequence listing provided herewith does not go beyond the disclosure in the application as filed. The content of the paper copy and computer readable copy are the same.

Please charge any deficiency or credit any overpayment in connection with this filing to our Deposit Account No. 19-3140.

Respectfully submitted by,

Gregory M. Zinkl. Ph.D.

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